UPPER TRISHULI-1 HEP (216MW)

Client	**Nepal Water and Energy Development Company Private Limited**
Owner's Engineer	**Tractebel Engineering GmbH / Jade Consult**

REVIEW NOTE

Contractor	**Doosan Heavy Industries & Construction Co., Ltd.**		
Title of the Document	Reinforcement Drawing of Inlet Structure of Diversion Tunnel		
Document No.	UT1-C-010-CVL-DG-42004	Revision	0A
Date of Documents	05.03.2022	Received Date	15.03.2022
Transmittal Form No.	UT1-HEP-DHI-D-0180		
Previous Review Date/Status	N/A	Prev. Review Note No.	N/A
Review Note No.	**RN-0100**	**Present Review Date**	**26.03.2022**
		Present Review Status	**RR**

A: Approved AN: Approved as Noted RR: Returned for Resubmission FI: For Information, only

Comments

1. A detail shall be shown how the waterstop at the expansion joint between the Diversion Tunnel Intake Structure and the concrete lining of the Diversion Tunnel will be integrated into the the reinforcement bars.
2. The embedded "Air vent steel pipes" foreseen in the deck of the Diversion Tunnel Intake Structure have a diameter of 400mm as indicated in doc. ref.: *UT1-C-010-CVL-DG-42008 "Outline drawing of inlet structure of diversion tunnel"*. This is in contradiction to spacing of the reinforcement bars, which is 200mm. A detail shall be elaborated and shown in the respective documents how the embedded "Air ventilation steel pipes" will be integrated into the reinforcement and how the reinforcement bars will be arranged in this area.
3. Applicable comments of review notes RN-0094 and RN-0095 are also valid for this review note.

DISCLAIMER

Any approval will not release the Contractor from any of his obligations under the Contract.

Sebastian Beck